

FAQs

- 1) As a sensor developer, we were approached by several teams during industry day. Can a contractor belong to more than one team?

Yes! A contractor can be part of multiple teams.

- 2) Our company (Multispectral) wants to retain all rights to our sensor (not necessarily to sensor output processing). Since the program early emphasis is on integration and sensor processing and not sensor development, must a subcontractor cost share for the Phase I systems study and Phase II developments to retain rights on sensor improvements even if a prime contractor does not cost share under OTAs?

A-Sub-contractors are not required to cost share & you can identify what remains proprietary to you.

- 3) For the purposes of writing a white paper and proposal, does the government intend to make available the 9inch MAV during the Phase I effort ?

A-The 9inch MAV will be made available to those offerors selected to submit proposals.

- 4) I am seeking clarification on the BAA wording - Phase 1 is a 6 month effort at the end of which will be a design that specifies a particular sensor system technology. I'm not clear what sensor system means here - are they saying that we do a trade during phase 1 and come up with one sensor system that is made up of a single type of sensor (eg. visible or IR) or does the term sensor system denote something more general - a system could include various different types of sensors? Thank you for your help.

A-The phase I under the BAA is for the design of the sensor suite, which could be multiple sensors and different types. The Phase I for Collision Avoidance (the airframer lead effort) is for a single system to fly through the trees but even that one has 2 sensors types.

- (5) I have been checking the FAQ but have not seen any updated information there. (FAQs and their answers will be posted to the web page in the near future...until then please access them via the FTP site provided on the website)

I do have some questions that I would like to get answered to support our white paper development. Specifically:

- Can we get a copy of the MAV ICD to support the white paper development?

A-See Answer to Question (3) above. MAV ICD will be provided to those offerors selected to submit proposals for Phase I.

Assuming we win a Phase I effort, will we receive a MAV vehicle and associated ground control station software at the beginning of Phase I? If so, what version; the electric or diesel?

A- Yes. Electric.

- Has the vibration environment been characterized for the MAV? If so, can that information be provided?

A-The information will be provided to those offerors awarded under Phase I.

(6) What is the web page on Fed Biz Ops describing the one-month slip in schedule?

A-Regarding the OASIS solicitation (or OSIRIS solicitation---we changed the name), take a look at the website established so you can review the requirements

<http://www.peostri.army.mil/BAA/OSIRIS/home.jsp>

An updated solicitation has been posted with the new dates.

The Following FTP site has also been set up so you can access Files from the Industry Day which have been uploaded. The account and passwords are below:

address: vault.cftdc.org

login: osiris

password: os1r1s!

(7) Is the White Paper now due March 28th, 2003?

A- Yes.

OSIRIS Frequently Asked Questions (Post PreProposal Meeting) 3 June 03

The following questions are a result of the OSIRIS PreProposal Meeting held on 28 May 03 at DARPA.

(8) Question: "We were at the OAV meeting yesterday afternoon and found it very helpful. We were a little confused about the NTE amounts for the different phases. Are the 400K/3.6M/6M numbers the amounts any one group can get for each phase? Or are the Ph II or Ph III numbers the amounts that will

be awarded in total?"

Answer: First part of question, Yes...but the amounts listed are not to exceed amounts.

Second part of question, No. Total amounts depend on quality of proposals submitted and PM's discretion.

(9) Question: "I would like to request clarification on the issue of subcontractors. Do the subcontractors that we choose to be a part of our proposal also need to include a full proposal with the prime? Will a letter of intent with costing data from each subcontractor suffice?"

Due to the fact that proposals are due in approximately 3 weeks, we are trying to determine the most expeditious way to provide you with the highest quality proposal that meets your requirements. Any assistance you can offer in clarifying this subcontractor requirement in the BAA would be greatly appreciated."

Answer: The Supplemental Package provides the necessary instruction/guidelines concerning the subcontractor proposal structure. This information can be found under the heading "Additional Guidelines for Cost Proposal"

(10) Question: "After reviewing the proposal we had a question regarding the payload capacity. With the diesel engine MAV it states a max payload of 0.1 lb (45g). It also appears that this allotment assumes you already have a camera in the payload. Assuming we could take out that camera and replace it with our sensors what would the payload weight maximum be without the camera installed as in the ICD?"

Answer: Please review the payload weights as stated in the ICD and make your final weight determinations for your own sensor package from this information. We are working to provide information on specific subcomponents of the payload. Please continue to check the FTP site and website for updates.

(11) Question: How "close-to-production" does DARPA want the final OSIRIS sensor package to be? Would the government expect to let a "build-to-print" contract following OSIRIS, or, another development contract to further mature and cost-reduce the technology? The answer to this question will help determine teaming decisions at this time.

Answer: Should the OSIRIS product make it thru a successful Phase III, another development contract may follow in order to mature the system and cost-reduce the technology.

12) Question: Vol II - Detailed Proposal Information (per Supplemental package for OSIRIS) paragraph G: Detail support, including formal teaming agreements that are required to execute the offeror's proposal (enhancing Section I.F.). Is there a preferred format for the formal teaming arrangements? Will a signed letter from team members suffice?

Answer: A signed letter signed by all team members is acceptable, however, the teaming arrangements must be adequately explained, including the role or duty of each member, which must be clearly identified.

(13) The briefing slides from May 28 show a nine month period for Phase I but the solicitation mentions 6 months for Phase I. Please clarify how long phase I is intended to be. If it is going to be 9 months, what kind of activity do you see for the 3 months in Phase I that overlaps with Phase II?

A- Duration times for the 3 phases are as stated in the solicitation document which is available on the OSIRIS Website
<http://www.peostri.army.mil/BAA/home.jsp> as well as the FTP site: 140.32.23.51
username: osiris
password: os1r1s!

(14) It is not clear from the proposal preparation instructions whether the: ii) Table of Contents, iii) List of Illustrations/Tables, and iv) Executive Summary are to be included in the total 30 page count for Volume I and II. Are these included?

Answer: The Table of Contents, List of Illustrations/Tables, and Executive Summary are to be included in the 30 page limitation of Volume I. Volume II has no page limitation. Volume I shall be in two sections, which consist of technical and management, an optional third Section can be included, but the total amount of pages shall not exceed 30 for Volume I.

(15) Question: How soon after phase II starts will the field experiments commence and how often will the field tests be held? We need to know this to be able to schedule sensors to be well in place before field testing starts.

A- Contractors/offerors are supposed to propose their plans, ie., suggest reasonable dates for experiments. Technical approach will dictate the availability of sensors. Post contract award Kick Off meeting will provide the opportunity for Govt and Contractors to determine/finalize experiment dates.

(16) Question: In regard to this solicitation (BAA N61339-01-R-0023 - Request for Proposals on the OSIRIS), the supplemental proposal package (pg 8) specifies that costs for subcontracts having 20% of the value of the work, must be substantiated to the same level of detail as the offeror. Is this for each subcontract, or if the total of subcontracted effort exceeds 20%?

Answer: This would apply to each subcontract having a value of 20% or more of the work.

(17) Question: The solicitation description for Phase 2 mentions a "surrogate vehicle". Please describe this vehicle. How will this vehicle differ from the Phase 3 vehicle?

Answer: Each Phase the vehicle is supposed to improve its performance. Each iteration of the vehicle will/should be the same size, i.e, payload volume and shape shouldn't change....but endurance and performance will get better.

(18) Question: We have two additional questions related to the OSIRIS proposal. We checked the ICD and can't find the information we need.

1. What is the accuracy of the INS and GPS currently on the MAV?
2. What is the bandwidth limitation of the current L-Band transmitter on board?

A- 1)The Allied INS has the following accuracies:
attitude -- 0.2 degrees
heading -- 2 degree
velocities -- 20 cm/sec

Standard GPS has approximately a 20' error associated with it. Sometimes it is also stated as 15 meter CEP (circular error precision). DGPS (which Allied has code for in their INS, but has not flown yet) is accurate to 2 meters (6.6 feet).

2) The L band transmitter downlink base band is for full video. The side bands are used for data and are rated at 80 kbaud. The uplink is UHF and is also rated at 80 kbaud.

(19) Question: We have carefully read the ICD but can not find mention of limitations to protruding from the payload region. Is this allowed and if so how far can we protrude and not affect air flow?

A-Yes, it's allowed; however, preference would be to stay within the payload envelope. Testing would determine extent of protrusion and affect on air flow.

(20) Question: Is the cover page included in the 30 page count of volume I?

Answer: The cover page is not included in the 30 page count for volume I.

(21) Question: For the cost volume cover sheet, what is the difference between the offeror's business point of contact and cognizant administration office?

Answer: Business point of contact is the person at the offeror's facility (your company) that can be contacted regarding the proposal. The cognizant administration office is the DCMA (Defense Contract Management Agency) that administers the contract on behalf of the Government.

(22) Question: The solicitation amendment for the OSIRIS BAA says that offerors need to include "a price analysis of proposed subcontracts in accordance with FAR 15.404-1(b)". That seems more applicable to phases 2 and 3, which are highly dependent on the outcome of Phase 1. Are these price analyses really required at this stage?

Answer: A price analysis is required with your subcontract proposals in support of your review and determination of reasonableness - since this will be your subcontract to negotiate and manage.

(23) Question: In regard to the teaming arrangement explanation: can the explanation be included in Vol I - but the letters from the agreements be part of Vol II (Cost) - since Vol I has a 30 page limit?

Answer: All support for the teaming arrangements should be part of Vol I only.

(24) Question: In regard to the organizational conflict of Interest: Can the offeror explain their current relationships with DARPA and disclosure no organ. conflict of interest - or do they need to list all contracts with DARPA? There are other offices within their company that may have contracts with DARPA - that they may not be aware of.

Answer: Offerors need to identify all contracts currently with DARPA - and also state if any relationships are in a conflict of interest....

(25) Question: What type of contract will be awarded? Can one phase be one type of contract and the others phases a different type?

Answer: The type of contract is negotiable and depends on conditions - which can be different for each phase.